Sorghum Syrup Making.

sorghum in Kansas and the abundant ma-

terial it provides for the manufacture of

fer a profitable and inviting field to those

who will persistently work to purify and

request of Secretary F. D. Coburn, of the

Kansas Board of Agriculture, by Mr. A. A.

who knows most of sorghum and syrup-

making, are presented the most recent

items of interest and modern methods of

syrup-making. Pertinent extracts from his

"Conditions indicate that Kansas syrup

crystallizable sugar and the uncrystalliz-

cane juice in no essential respect. The

tial difference is that sugar-cane juice has

charine, while sorghum juice has much

more. Sugar-cane juice is naturally so

pure that merely skimming off impurities

takes good syrup, while skimming alone

is not generally sufficient to make good

sorghum syrup. When sugar-cane juice and

sorghum juice or their syrups are alike

tains enough saccharine substance to pro-

of the juice. If no impurity is removed

the syrup is intolerable. If such impurity

impurity is removed the syrup is a first-

but 11/2 per cent, of solid matter not sac-

improve it. In a paper prepared at the

FARM AND GARDEN INTERESTS

The extensive cultivation of saccharine trogen are less than if wheat were grown.

really excellent table syrups appear to of- fermentation of animal and vegetable mat-

Denton, of Medicine Lodge, Kan., the man | grown without rotation the land is less able

makers have only to bring the quality of lowing rapidly exhausts the soil of its sup-

sorghum syrup to equality with sugar-cane | ply of nitrogen. This is an important fact

syrup to enter an era of prosperity. The which is not known to some, as it has been

in sorghum juice varies from that in sugar- | lieved that by resting the land the soil was

COTB. 1853 NSOLE ACTS. BUTTERICK PATTERIL

Indiana's Greatest Dry Goods Emporium

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ADIES who desire perfection in glove daintiness should see our lines-the newest styles and most correct shades. A competent saleslady to serve you. Nothing adds to your comfort more than to have your gloves perfectly fitted. This requires patience and skill on the part of the salesperson. You will find the clerk in this department most obliging. Our three specials:

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just give "hubby," or "pa," or whatever you may call him, your grocery or meat list as he goes to work-don't even specify best or any quality -he can't remember-

IT'LL BE ENOUGH TO TELL HIM 30 GO TO

The N. A. MOORE CO.

-GROCERS-Nos. 162 and 164 North Illinois Street. 'Phones 892.

66T NEVER KNEW you carried such large selection of FINE RINGS; why, you have the finest in the city"-is a remark heard daily by all new comers to Michael's Church, Madison.

Rubies, Diamonds or Emeralds, in Rings From \$5 to \$950 Each.

C. L. ROST, Diamond Merchant

15 North Illinois Street.

The Bates is being demolished just across the street.

THE DRAMA.

At the Theaters To-Day. ENGLISH'S-"Under Two Flags," melo

drama, 8:15 p. m. GRAND-Vaudeville, 2:15 p. m. and 8:15

PARK-"The Tide of Life," melodrama, EMPIRE-Topsy Turvy Burlesquers, va riety, 2:15 p. m. and 8:15 p. m.

Notes of the Stage. George H. Murray, manager of the

"Foxey Grandpa" company, which will be

seen at English's Monday and Tuesday, arrived in the city last night. x x x

The sensational happenings of "The Tide of Life" will be on view at two performances at the Park to-day. To-morrow afternoon Clyde Fitch's story of Barbara Frietchie, greatly different from the poet Whittier's tale, will be told there by a company led by Miss Frances Gaunt.

The audiences that have seen "Under Two Flags" at English's have approved the idealization of the vivandiere, Cigarette, by the dramatist, Paul Potter, and the actress, Mabel Howard. The fact is that Cigarette, so indiscriminate in the matter of loving troopers before she meets her affinity in Bertie Cecil, is a very improper person, but women that would scorn such a girl in real life applaud her as a being of beautiful character when they M. Brann, of this city, were married at 9 see in the romantic surroundings of the o'clock this morning at the home of the stage. The Lady Venetia, certainly a per- bride's parents, the Rev. Fred Stovenour fect young woman measured by present- officiating. The couple left at once for an day conventions, gets no sympathy from Eastern tour. the audiences. One of Cigarette's most thrilling experiences is in a rocky gorge, where she is forced to be a spectator to the throwing their prisoners over the brink of a precipice. Then she rides up | friends at college yesterday. the mountain in a sandstorm, an impossible feat, it would seem. Melodrama, especially in the elaborate dress given it in "Under Two Flags," takes away the reason of most all theater goers, whether they go to playhouses where the prices are high or to | the theaters called "popular priced."

When Booth Tarkington began to work out his "Monsieur Beaucaire" it was more of a play to him than a novel. When he was in college he sent to Richard Mansfield, who is playing "Beaucaire" in Philadelphia, a short play, which was returned to him by the actor with a letter praising the appreciation of the author and ex- illness of Mrs. Howe's father, Mr. A. F. plaining that the play lacked technical necessities. When Mr. Tarkington wrote "Monsieur Beaucaire" it seems he thought of Mr. Mansfield as the stage-impersona- Chicago Monday. tor of the hero. That it was a drama to him is shown in the following "dedication" of the book, addressed to his sister, Mrs. Haute Tarkington Jameson, which was recalled by the author after it had been set in type by the publishers of the book: "You will not, I trust, consider me too ingenuous when I tell you that, while I during the summer, will be held to-morrow have ever observed your courtesy toward at the chapel hour in the chapel. An ada person in poor raiment to be of an even | dress will be made by one of the professors. finer quality that your treatment of a The public is invited. gentleman in a fine coat, yet no one conversant with your character could fail to voung ladies at the college residence, gave be aware of the mighty liking you have for a pretty fellow in brocades and satin, with the faculty and students. The young ladies house on North Pennsylvania street, with West is considered the principal wheatbrilliants shining from every buckle. Nor at the residence are Misses Forsythe, can it be said of you that in spite of your Dixon, Reeves, Hoover, Hodges, Coyner, strong advocacy of all the arts of gentle- Willa, Paddock, Butler, Nebeker, Wickler, ness, you shun the wildest fighting-in a Brooks, Kellar, Ely and Boston. book-with that measure of horror which you should, for consistency's sake, exhibit: and so I make bold to offer you this play of 'Monsieur Beaucaire,' beseeching your attendance for an hour, to watch, if you will, the faces in what I would have, for your pleasure, a little theater; and begging you, during just the time of performance. to believe the actors real, as they move neross the stage, dancing in the candlelights of long ago, while your kindly fancy brings to you some faint waft of the Frenchman's roses, with the echo of the crumbled and forgotten fiddles which have wished should play again for you, my dear sister.

A Queer Letter.

Washington Letter in New York Post. A curious letter, written in long backhanded loops, not wholly unlike the whole notes in musical notation, recently passed through the War Department. It was from Wato Mama Datoh Baqui, one of our faithful subjects in Mindanao, a ruler of his people, and a Mohammedan of true faith and allegiance. His conduct has been so Musings, Mrs. A. N. Towles. exemplary at the time when other inhabitants of the islands were giving trouble to the United States that General MacArthur, after a tour through that part of the archipelago, decided to send him a cane. He accordingly had one beautifully headed and engraved, at the expense of about \$30, Mrs. William K. Vanderbilt, jr., in a frock and forwarded to the loyal chief, with his of black broadcloth, with fans of black and compliments. The acknowledgment, translated into English is as follows: "This let- | white shepherd's plaid let into the skirt,

my great gratitude to him for his thoughtit reaches the skies."

PERSONAL AND SOCIETY.

Miss Lewis, of Chicago, is the guest of Mrs. E. F. Elder. Mr. and Mrs. James R. Carnahan are visiting in Lincoln, Neb. Mr. and Mrs. Arba T. Perry have taken black, and wore a black hat trimmed with apartments at the Victoria. Mr. and Mrs. J. C. Clark have taken apartments in the Alexandria.

C., is the guest of Mrs. Ferd L. Meyer. to spend the winter and pursue her vocal

Mrs. J. M. Leathers will go to Louisville the 21st of this month to attend the wed-Mr. and Mrs. Henry C. Moore, of Fond du Lac, Wis., are guests of Mr. and Mrs. Fol-

som, on Park avenue. afternoon in the lecture room. Miss Charlotte Rogers will arrive from her home in Cincinnati next week to visit her sister, Mrs. Thomas B. Arnold.

Mrs. J. Ross Stevenson and son, after a visit with Mr. and Mrs. T. C. Day, returned yesterday to their home in Chicago. Mrs. Frank Edwards will entertain the Irvington Afternoon Card Club at her home

on Park avenue to-morrow afternoon. Mrs. James McIntosh Judson will observe her second and last reception this after- vided you keep somewhere within the prenoon and Mr. and Mrs. Judson will receive

The regular meeting of the Auxiliary Missionary Society of Central Christian and wide lace edging, and the undersleeve juice of an ordinary quality always con-Church will be held this afternoon in the is a close-fitting transparent affair, finished church parlors, at 2:30 o'clock. Cal., will be the guest of honor at Mrs.

Sewall's usual Wednesday reception this afternoon. Afternoon hours are from 3 to 6 wristband fitting the arm closely o'clock, and the evening hours from 8 to 10 Mr. and Mrs. H. N. Bronson left last night for an Eastern trip of several weeks. Before returning they will visit friends in

Buffalo, Washington, D. C.; Richmond, Va.; New York, Albany, Cleveland and Mr. and Mrs. George C. Beck announce the engagement of their daughter. Mayme Ethel, and Mr. Frederick Archibald G. Rigg. The wedding will take place Wednes-

day evening, Oct. 23, at the Tabernacle Presbyterian Church. The Maennerchor Ladies' Society will give their October euchre party next Friday afternoon, with Miss Lena Fertig as chairman of the committee on arrange-ments. On the evening of Monday, Oct. 21, there will be a euchre for ladies and gentle-

Mrs. N. Hill Nesbitt and Miss Harriet Nesbitt, with Miss Eddy, have taken the residence of Mr. and Mrs. J. P. Shoemaker, No. 5123 East Washington street, Irvington, for the winter, during the absence of Mr. and Mrs. Shoemaker and their daughter in California

Henry Bilz, of Madison, and Miss Margaret Dittgen, cousin of Mayor Dittgen, of Madisonville, O., were married at Madison yesterday. * * * Charles A. Ford, of Indianapolis, and Miss Anna F. Wade will be married at 5 o'clock this morning in St.

Miss Mabel Osborne, of Frankfort, who is the guest of Miss Blanche Laycock, will e the guest of honor at sevral parties which will be given for her this week. Miss Laycock will give a reception for her this afternoon; Misses Edith and Emma Pearson will entertain at cards Friday afternoon and Miss Verna Cleveland will give a card party for her Saturday evening. Mr. and Mrs. Robert W. Cathcart gave

an informal family company last night in honor of their daughter, Katherine M. Catheart, and Mr. Clarence Martindale whose marriage will take place this morning. Only the relatives were present, among those from out of town being Mrs. Jo anna Parker, of Knightstown; Mr. Frank White, of New York; Mr. and Mrs. Morris of Cincinnati, and Dr. John Morrison, of Knightstown.

The Proctor Reading Club was entertained with a luncheon yesterday by Mrs. S. P. Sheerin, the occasion being the opening of the club season. The guests were seated at one long table, the appointments of which were yellow and white, marguerites being used. The following toasts were responded to: "We," Mrs. M. W. Carr; "They," Mrs. Margaret F. Peele; "Our Ambitions," Mrs. R. R. Shiel; "Reminiscences," Mrs. J. J. Price; "Our Hostess," Mrs

Mrs. Mary Ellen Moody gave a dinner last night in honor of her daughter, Miss Angeline S. Moody, and Mr. Asher Brown Evans, whose marriage will take place to night, and their bridal party. The party included the maid of honor, Miss Kate Moody, of Chicago; the best man, Mr. Oliver W. Brown, of the State University Misses Anna and Josephine Evans, sisters of the bridegroom; Miss Beryl Moore and Miss Flora Fletcher, bridesmaids, and Messrs. Elmer Stout, William Moody, Clifford Barrett and Dr. Stanley Woodard,

KELLY-FAUST. Special to the Indianapolis Journal.

PERU, Ind., Oct. 8 .- Edward Kelly, Longansport, and Miss Louise Faust, of this city, an accomplished musician, were married at the Catholic Church this morning. The Very Rev. John Guendling, of Goshen, a relative of the bride, officiated, assisted by his brother, the Rev. Charles Guendling, of Lafayette.

LEHMAN-BRANN. Special to the Indianapolis Journal.

PORTLAND, Ind., Oct. 8.-John R. Lehman, of Columbus Grove, O., and Miss Nina

Irvington.

Columbus, where she spent Sunday, Miss Evelyn Butler, of Anderson, spent Sunday with her parents in Irvington. Miss Violet Rhodes, of Connersville, Ind., is the guest of Miss Anna Stewart on Julian avenue.

Mr. and Mrs. Joel Moorman will leave to-morrow for Buffalo. They will spend a month traveling through the East. Mrs. Joseph Raycroft will arrive from Chicago to-day to be the guest of her father, Mr. Chauncy Butler, for several

Mr. and Mrs. Thomas C. Howe are at Kokomo, where they were called by the

Armstrong. Miss Mary Dissett, who has been the guest of Mr. and Mrs. Edward Dissett on University avenue, returned to her home in

The Young Women's Christian Association has issued invitations to a reception at services will be held. Interment will be the home of Mrs. Demarchus C. Brown on Downey avenue this afternoon, Services in memory of Prof. Edgar W

Abbott, who was drowned at Broad Ripple Miss Cornella Allen, assisted by the

a reception last night to the members of The young ladies of the Kappa Kappa Gamma fraternity will give a chafing-dish

party, entertaining a number of new girls. this afternoon at the home of Miss Estelle The active Kappas are Misses Charlotte Powell, Verna Richey, Helen Davis, Elizabeth Poulson, Helen Downing, Mary Wickler and Estelle Hunter. The Sorority will celebrate its thirty-first anniversary next Monday evening with a reception at the home of Miss Belle Layman on | brother is president, President's day of the Irvington Tuesday

Club, which was to have been at the home of Mrs. J. G. Kingsbury, on account of the iliness of Mr. Charles Kingsbury, was ob- I Is the American lady's figure more exserved yesterday afternoon at the home of posed by her costume than the American Mrs. Junius Cravens on University avenue, gentleman's is in his? Does "the present The reception committee consisted of Mrs. style of holding up, or rather dragging. Mrs. Charles Cross and Mrs. Mary I. Calk- | ture the tight-fitting trousers and the scant ins. Toasts were responded to as follows: short skirt of the "cut-away" coat of the Mrs. James Braden; Thinkings." Mrs. Wilson Doan; "Fireside | monly adopted in all public sitting places?

What They Are Wearing.

New York Tribune. At the Waldorf-Astoria for luncheon was recommend it, has he presumed on their from cour brother Wato Mama Datoh and a trimming of plaid on the jacket.

Baqui to his brother the captain general of With her was Miss Kathleen Neilson. At the Philippines concerning the appropriate an adjoining table was Mrs. Stuyvesant present-a cane-which I have received Fish in a frock of castor colored cloth and from his Excellency through the command- | velvet. The coat of velvet had long tails ing officer at Malabang. I wish to express at the back, a la directoire. The seams of this coat were covered with bands of cioth ful remembrance. My pleasure at receiving stitched, while its revers and roll collar were of pale blue cloth, edged with a band of white cloth, stripped with narrow black braid. She had a large black picture hat, trimmed with black feathers. Mrs. Duncan Elliot, who was likewise lunching a the Waldorf, wore a tollette of black and yellow, and there was orange colored silk mingled with the black on her small round hat. Mrs. I. Townsend Burden was in white wings, while Miss Evelyn Burden were a frock of dark heliotrope cloth, with a large picture hat of the same color. Mrs. Herman Oelrichs was another of the fash-Miss Mary Randall, of Washington, D. I lonable women lunching at the Waldorf. She had on a black silk skirt with a black Miss Florence Atkins has gone to Chicago | chiffon bodice appliqued with white lace, and a black hat. Mrs. William Paine Thompson, at a table near by, was garbed | paper follow: in black broadcloth, her hat being composed entirely of pink velvet geraniums. Miss Anna Sands, who was also there, was attired in a tailor frock of black broadcloth, and a large black straw hat faced with white straw, which pierced the roll brim in front. Mrs. Frederick Benedict The Woman's Missionary Society of the Second Presbyterian Church, will meet this Mrs. John R. Drexel was in purple cloth, was in navy blue and white foulard, while able sugar are the same in sugar-cane corn one year and wheat the next, leaving with a large black chip hat. Among others lunching at the Waldorf were Mrs. Guoverneur Kortright, Mrs. L. Cass Ledyard, Mrs. Charles Childs and Mrs. Joseph Stick-

The Sleeve of the Season.

New York Sun. Apparently there is no limit to the variations which can be rung on the sleeve, proscribed lines. In dressy gowns the flowing effect is made with frills of double chiffon | cannot tell one from the other. Sorghum with a straight wristband. Some of the of sorghum syrup depends upon the purity Mrs. Julia Stanclift Sanborn, of Berkeley, sleeves in heavy wool materials are full The straight sleeve, ending below the el- class table syrup. In the present imper-



MISS ABBY ALDRICH AND JOHN D. ROCKEFELLER, Jr.

John D. Rockerfeller, jr., probably the richest young man in America, and Miss Abby Aldrich, daughter of United States Senator N. W. Aldrich, of Rhode Island, will be married at Frovidence to-day. The wedding will take place in the tea room of the senator's summer resi-

old-time lace frill over the hands. Three | istic and unacceptable qualities. puffs of silk mousseline, net or lace form one variety of undersleeve, and there are puffed sleeves, too, in some of the tea jackets, very suggestive of the time when sleeves resembled balloons.

In some of the light gowns trimmed with black lace the undersleeve is of black silk mull dotted over with steel spangles, but then it will be almost impossible to go wrong on sleeves this season, no matter where you begin or what you have. Everyand herein lies the most conspicuous change in the fashioning of our gowns.

A Social Secretary.

Washington Post. Mrs. Roosevelt has selected as her social secretary Miss Isabella Hagner, daughter of Dr. Charles E. Hagner, who in the past few years has become a recognized authority on all matters of social interest and importance in Washington. Mrs. Roosevelt is the first mistress of the White House to avail herself of this important aid in winter's social campaign, Mrs. McKinley and Mrs. Cleveland depending largely on the official clerks and secretaries of the White House. Mrs. Levi P. Morton, during her husband's term as Vice President. may be said to have established this ofice in Washington, her able assistant be ing Miss Cornelia Ridgely Hunt, daughter of the former minister to Russia and member of President Garfield's Cabinet. Miss Hagner made her entrance in this field of work with President McKinley's administration, and has been closely identified with Mrs. Root, Mrs. Charles Emory Smith, Mrs. Hanna and Miss Spaulding.

The Woman in Trade.

Harper's Weekly.

department stores. These beehives of universal supply are no longer features of the Miss Hazel Reeves has returned from great cities alone. Every town of any pre- been to find ways to make sorghum juice of the country has one department store or like a separate business. One establish- of work. ment of this character in the West had thirty-seven buyers from its various ago. Most of them were women, and all were conducting their business without the slightest indication of regard for what the rest were doing. In the light of such a showing it is easy o understand why the individual merthant, stubborn in competition, comes "to

buy at the center of production."

CITY NEWS ITEMS.

The body of Mrs. Edwin May, who died in Chicago, will arrive here this morning. The body will be taken to the undertaking rooms of Whitsett & Co., where the funeral at Crown Hill.

The body of Mrs. F. W. Gauding, who died at 327 East Ohio street Monday even- should get \$4 from a ton of cane." ing, will be sent to-day to Richmond, Ind. for burial. She was fifty-eight years of age and a member of the Shover family to which O. D., G. and C. F. Shover belong. Philadelphia Record. Her death is the first among ten children of the family.

Dr. and Mrs. Charles Pffaffin have taken suite at the new Glencoe apartment in plowing and harrowing. Although the the view of making their permanent home in Indianapolis. Dr. Pffaffin is a native of producing section, yet Pennsylvania is one Evansville, but began his professional of the leading wheat-growing States. The career in Cincinnati. For the past three rotation of wheat with clover and corn is years Dr. and Mrs. Pffaffin have been in Europe, where the former took special courses in the medical colleges of Berlin, still make wheat a prominent crop is evi-Vienna and London, while Mrs. Pffaffin dence that it is not exhausting the soil of pursued her musical studies, being an accomplished planist. Mrs. Pffaffin was in a national bank, of which her young

Man's "Scant Short Skirt."

Woman's Letter in New York Sun. lames T. Layman, Mrs. James Banning, the skirt so that every line of the wearer Mrs. Joseph Hunter, Mrs. Albert Johnson, is outlined" out-do in that particular fea-'Prospective." Mrs. J. G. Kingsbury; the latter are emphasized by the sprawl-"Snap Shots," Mrs. J. E. Griggs: "Outdoor | ing posture and widespread knees so com-Is man's costume so modest as to be labove criticism, or, by the quiet toleration on the part of women who have allowed to go unmolested a dress that has neither beauty, grace nor decency to

Flour. Ready in a moment.

ties, and here we have the little cuff and sorghum syrup and gives it its character- one may be expected to grow. Those who been made in quality of sorghum syrup. The art of making fine syrup from sorghum or June, there is almost a year's contact consists almost entirely of extraction-that | with the soil before growing time for them juice. The sorghum-syrup maker has not almost every stone. On the other hand, now, and has never had, full control of the there is no doubt that if received fresh and qualities of his syrup because he has not placed in the ground immediately, good vegetable matter from sorghum juice. He the paragraph referred to. Not many has control only of the quantity of syrup nurserymen can get large quantities in thing which, by any stretch of the imagina- and the density of his syrup. He is de- good season to sow at once. They often tion, can be dubbed a sleeve, is in sight, pendent on the accidental purity of his have to be bought of dealers and others, sorghum juice. When he has learned how and are not on hand until late for sowing. to purify sorghum juice efficiently it will Now that it is so generally known that make little difference whether the juice is unusually pure or usually impure. He sure results, very few care to follow any will always make good syrup from ordi- other plan, it being much the easier one narily good cane. The experience of the past fifty years shows plainly that this for selling follow this plan, and with entire cannot be done by merely boiling and satisfaction. skimming sorghum juice. It will be done by new and better ways of making syrup. Progress in sorghum-syrup manufacture s not possible until improvement is made in the quality of sorghum syrup. The decline in the production can only be checked by new and better ways of making "It may seem absurd to some to suppose

that first-class table syrup can be made in small and poorly-equipped horse mills, but it is a singular fact, which has not been explained, that the best sugar cane syrup and the best sorghum syrup has, so far, been made in little horse mills, with the crudest appliances, and not in the best equipped steam syrup factories. But it can now be clearly demonstrated that a Kansas sorghum-syrup maker, with a horse mill an evaporating pan and a few second-hand barrels, with no chemicals, can always make good syrup from unspoiled juice of ordinary cane. This should be the turning point from a discouraged and declining syrup industry to a growing and prosperous

"For eight years an earnest effort has been made to find, among hundreds of varieties of sorghum, a variety giving as pure The prevalence of the woman buyer is, juice, naturally, as sugar cane gives. Such ike many other innovations in the world of a variety has not yet been found. It seems trade, chiefly attributable to the develop- reasonable to suppose that among so many varieties a few are especially adapted to persons than a fruit tree. ment and immensely wide distribution of syrup manufacture. At the present time

varieties. "In the past three years the effort has tensions throughout the length and breadth | as pure, by purifying it, as sugar-cane juice naturally is, and so make as good syrup from sorghum as is made from sugar cane. more, and every department is conducted | There is very great promise in this line

"In our new soil and dry climate cane is less troubled with grass and weeds than in branches registered in New York a week humid States. On our level plains laborsaving implements plant, cultivate and harthe surest crop we have. Though largely often be bought for much less than it is planted, it has developed no special insect pest. Cane seed has value for seed and for The crushed canes have value for fuel in the manufacture. With as good extraction of juice as is had from sugar beets or sugar cane, a ton of ordinary sorghum gives twenty gallons of syrup. It is easy to see that, at the present value of sugar-cane syrup in New Orleans, a ton of sorghum cane should make syrup worth \$6. With the cheap and weak horse mills now in use, giving but ten gallons of syrup to each ton of cane, but with a home market for really good syrup at 40 cents a gallon, each ton of cane should yield \$4. The cane grower should get \$2 a ton and the syrup maker

Wheat Crops and Soils.

The wheat crop is the most important at

this State. Several years' experimental Netherlands as regent for a period of some Victoria to ask her advice about matters formerly Grace Kettenbach, of this city, work at the Minnesota experiment station, later of Lewiston, Idaho, where she has however, demonstrated that when wheat owe her a deep debt of gratitude for the the unique distinction of being a director was grown continuously upon the same soil for eight years there was a loss of trained their present Queen, her only child. so harsh, strict and imperious to her daugh-1,700 pounds of nitrogen per acre, about 200 pounds being used as plant food and 1.400 pounds lost by the decay of animal and vegetable matter of the soil and lib- tion, or even private entertainment at her illy, notably from old King William, who eration of the nitrogen as gaseous and solible compounds. During the eight years of continuous wheat cultivation there was gen of the soil, equivalent to an annual loss of 175 pounds per acre, in addition to that used as plant food. When wheat was grown in a rotation with clover and oats, renowned as the most profligate and de- she rendered her daughter's childhood one five crops of wheat being removed in eight years, larger yields per acre were secured and the total loss of nitrogen from the soil was reduced to 800 pounds, or about | indignation. She was denounced for barfood. When corn was grown with clover and cats, in a rotation, and farm manure used, the total loss of nitrogen from the a sovereign whose private life had been of young Queen that as soon as ever the latter soil in eight years was less than one hundred pounds in excess of that removed as plant food. When oats and barley were grown continuously the losses of nitrogen | prevailed against her in Holland, as well as | the fact that she regarded him as worthy from the soil were nearly as large as when No trouble to prepare quick breakfast if | wheat was grown continuously. When corn |

improved, but it is now known that while vegetable impurities are alike. The essen- the soil did really make an increase in nitrogen the loss when wheat followed the fallow was greater than the gain. Farmers now aim to keep the soil covered at all seasons with some kind of growth. It is not the growing of a crop that removes the fertility so much as failure to rotate. Wheat is not an exhaustive crop when grown in a rotation, but when grown continuously on the same land the loss of well refined-that is, purified-an expert plant food is very great. It is not the crop itself that reduces fertility, but the lack of systematic methods. When the nitrogen and humus of the soil were conduce first-class table syrup. The quality served by the rotation of crops, and the production of clover, as demonstrated by the experiment, an increase of twenty bushels of corn and over five and one-half and puffy below the elbow, with a deep is removed the syrup is good. If all the bushels of wheat per acre were secured. Old wheat soils readily recuperate when humus-forming materials are returned to oow in bell shape, falling over a long, full fect way of making sorghum syrup grassy, the soil, and by rotation of crops, the use of barnyard manure and the growing of clover the heavy losses of humus and nitrogen from the soil can be checked and larger yields and a better quality of grain se-No farmer should rely entirely upon barnyard manure or rotation, however, in order to retain fertility of his soil. There are so many losses of plant food from rains, snows, heat and fallure to properly care for manure that to attempt to discard fertilizers may prove disastrous from the fact that it is much easier and cheaper to keep the soil fertile than to endeavor to restore fertility after the soil has become more or less impoverished. The danger to our farmers is that they do not appreciate the fact that fertilizers repay their cost by giving increase of crops, and that every iollar expended for fertilizer is one of the best investments the farmer can make. It is claimed that if a farmer must go in debt and mortgage his farm he can do so safely only by going into debt for fertilizer, but while this claim may not be relied upon, yet when a farmer expends capital for fer-

large as with wheat, and when corn is in

troduced into the rotation the losses of ni-

There is a loss annually of over 2,000

pounds of humus per acre when wheat is

grown continuously, due to the decay and

ter, but no material loss of humus occurs

when wheat is grown in rotation with clov-

er and oats. The loss of humus changes

the physical properties of the soil, causing

it to be less retentive of moisture, makes

of the soil per cubic foot. When wheat is

to supply moisture during times of drought.

tice bare summer fallowing than to grow

favors the decay of humus and the loss of

nitrogen. While larger crops of wheat are

produced after a year of fallow this in-

total nitrogen of the soil, but summer fal-

the practice in certain sections where clov-

er does not enter into the rotation to grow

the land idle the third year, which is real-

y a system of fallowing or resting the soil,

and for hundreds of years it has been be-

crease is followed by a heavy loss of the

is more detrimental, however, to prac-

the color lighter and increases the weight

Growing Peach Seedlings.

tilizer he buys the very best raw material

for manufacturing salable crops on the

Correspondence Country Gentleman. Permit me to give the way many of the leading nursery firms raise peach seedlings. Instead of attempting to raise seedlings from the pits the spring following the ripening, the pits are held over in heaps on a barn floor, or in a damp cellar, until the following spring, when they are sown thickly in beds. There is no hurry in getting them into the ground, and sometimes the work is not completed till early summer. These stones lie in the ground until the following spring, when nearly every follow this plan assume, from experience, "In a generation no improvement has that the stones suffer no harm from not having been sown before, and sown in May s, extracting undesirable matter from the comes, a period insuring the growing of been able to separate well the excess of results might be looked for, as stated in early summer sowing of the last crop gives Many of the largest growers of peach trees

Call for Chestnut Orchards.

Meehan's Monthly. In some respects the word "improved" is a misnomer in connection with chestnuts. The American sweet chestnut is the only perfectly satisfactory one as regards flavor. and all others are not "improvements" in that line. But size is an important factor, and early production is essential to great satisfaction, and to obtain these the "improving" is resorted to.

To see a small, slender chestnut tree with two or three branches bearing several immense burs, is at least interesting-indeed, it is ornamental. This is the case with trees grafted with such varieties as Paragon, Numbo, etc. They commence bearing while yet so young, and yield a succession of large harvests before the common American species commences to think about producing any, so to speak. The nuts are large, and, though of indifferent quality, are always in demand. Chestnuts are difficult to graft, and therefore, apparently expensive; but they are no trouble to cultivate and care for, and would give more pleasure to many At present the market demand for large chestnuts is great, and "chestnut orcharding" is considered very profitable. But the fact does not seem to have thus far been made well known, as very few large plantations have been made,

Improving Neglected Farms.

Practial Farmer. Many farmers would find it a good investment to buy a farm that has been neglected and poorly managed. Such a place vest cane with less labor. Cane is, perhaps, has depreciated in market value and can really worth. The owner has not been making much money out of his land and is, therefore, willing to sell cheap. It is the well-kept farm that commands the highest market price. The owner has made a success of farming; his farm has proved a money-making investment and he is naturally unwilling to part with it for anything less than a good round price. Many prefer paying a fancy price for such a place, because they realize the value of its advantages. Moreover, most people strongly dislike the work of renovating and bringing up a run-down farm. Yet for the man who will do this work there is good money to be made in buying, improving and selling the latter kind of farms.

QUEENS IN RETIREMENT.

this season, farmers making preparations Difficult Position Filled by Queen Wilhelmina's Mother.

Marquise De Fontenoy, in Baltimore Amer-Emma of the Netherlands has withdrawn largely practiced, and the fact that farmers since the marriage of her daughter that tion; she was mortified at the idea of havfourteen years, and that the Dutch people of state or court, or to follow her recom-Her complete withdrawal from public view. daughter's palace, is thoroughly in keeping loss of over 21 per cent. of the total nitro- | remarkable woman has displayed since she gave her hand in marriage to the almost bauched of all the rulers of the old world. tering away her youth for the sake of a to be secretly married to her, and who was crown and in order to share the throne with an object of such intense aversion to the the most infamous description. Yet she all his offices at court, as well as from her has lived down all prejudice which at first | mother's household, and made no secret of Netherlands have vasily, benefited by that A few months hence Queen Christine of Estate unless the title is guaranteed by you have Mrs. Austin's famous Pancake | was grown continuously the loss of nitro- marriage of hers in every particular. gen from the soil was less than half as I Her present attitude toward her daugh- to step down from the throne and to sur- LOAN COMPANY, 129 East Market street.

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ter and toward the Dutch people is that of render the reins of power into the hands of a woman of much strength of character, her only boy, whose minority comes to an tor, after having during a long number of end on his sixteenth birthday, next May. In years wielded supreme power and occupied her case the surrender will be even still the first place in the land, it was no easy | more difficult than that made by the Queen matter to suddenly surrender both power | mother of Holland. For, whereas the latand place, to withdraw to the background | ter's daughter, Queen Wilhelmina, on atand to submit to the royal command and to taining her majority on her eighteenth the sovereign pleasure of one's own child- birthday, was a grown woman and able not and an imperious, high-tempered child at only to think for herself, but likewise to

One cannot refrain from a certain ten- Alfonso, at the age of sixteen, will be still dency to criticise Queen Wilhelmina for a mere boy and totally unfitted either by thus leaving her mother in the background age or by experience to direct the governand apparently neglecting her. Perhaps, ment of a turbulent kingdom such as Spain. however, it is not her fault, and that the Queen mother herself insists upon holding Emma of the Netherlands and to withdraw aloof from everybody and everything. I into the background on ceasing to be regent she would be acting in accordance Whatever the truth may be in this particular, the fact remains that the former with what may be described as the ethics regent is acting with a dignity and sagacity governing the behavior of an ex-regent and which cannot fail to still further increase | would spare herself much unpopularity. the good opinion which she has won for criticism and trouble of one kind and anherself both in Holland and abroad, and other. But it is probable that her devotion which is contributing, no doubt, to the hap- to her boy, in whom she is completely piness of her daughter's marriage and to wrapped up, and her knowledge that he is the success of the young Queen's reign. unfitted to administer the government of the How difficult it is to play a role such as | country, that he is unequal to the task on that of the Queen mother of the Nether- account of his youth and inexperience, will lands is shown by the case of the mother of | lead her to remain by his side to advise the late Queen Victoria. This princess was and direct him, contrary to the spirit of not even a queen, much less a regent. The the constitution, but in accordance with the only authority that she had ever exercised | dictates of her mother's heart. She is thorhad been over the members of her immedioughly aware that no advice tendered to ate household and over her daughter. And him can be so single-minded as that which yet when the latter ascended the throne as she has to offer, and she will naturally Queen Victoria, she bitterly resented the dread his becoming the prey of selfish and change in the respective positions of mother and child, and did not hesitate to pour the most doleful complaints about the matter So dense is the oblivion into which Queen | to anyone who was willing to listen to them. She resented the refusal of her daughter to submit any longer to her direcpeople are inclined to forget her very exist- ing to yield obedience to the young Queen times more difficult after next pring, when ence, as well as the fact that she ruled the and to follow in her rear, and especially the boy becomes invested with supreme strong was her bitterness at the failure of mendations when these were given unasked. Nor could Queen Victoria be much ing years of the life of Empress Frederick wise and sagacious manner in which she blamed, for her mother had shown herself were embittered by the feeling that not ter throughout the latter's girlhood as to her advice and independent of her control, repeatedly entail strongly worded protests but that she, who had formerly ruled him her reluctance to appear at any court func- from the other members of the royal famactually went to the length of threatening his sister-in-law, the Duchess of Kent, to through the inability of the Emperor's with the cleverness with which this really deprive her of the guardianship of her child unless she treated it with more kindness. Even the warmest friends of the duchess. or, rather, those most indulgently disposed septuagenarian King William of Holland, toward her, were compelled to admit that of much and needless misery, but endeavored to excuse her by declaring that she allowed herself to be influenced in the matter by her master of the household, Sir John Conroy, whom her enemies declared

ascended the throne she dismissed him from

Useful Young Man. Kansas City Star.

A young man in Atchison, who is only twenty-one years old, has already reached the summit of his usefulness. He is secretary of fourteen different lodges.

form independent judgments, young King

If Christine were to follow the example of

designing people, who will endeavor to lead

him astray for the purpose of serving their

Difficult as has been the position of the

Queen regent, until now owing to her for-

eign birth and to the disasters which Spain

has suffered, it will become a hundred

power, and when, instead of being subject

It may be remembered that all the clos-

only was her son, the Kaiser, indifferent to

with great strictness, had become com-

pletely subject to his commands; while in

Russia serious political trouble has arisen

mother to realize that, instead of the Czar

owing obedience to her, it is she that must

to her rule, she will, by the law of the land,

become subject to his.

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